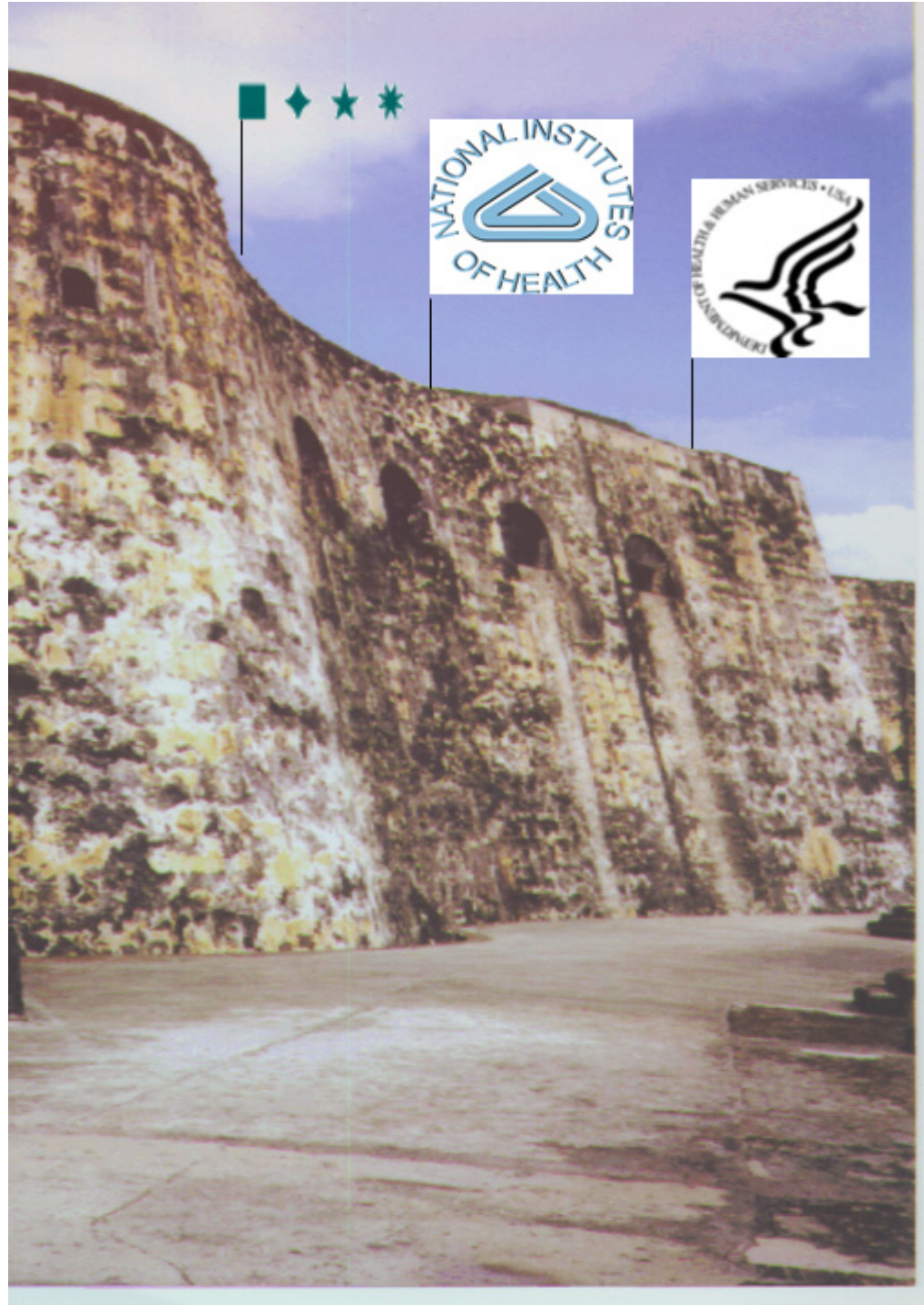


How to
get a grant
from NIA



Rule #1

If you do not
apply, you do not
get funded.

Rule #2

Know what to apply
for.

Rule #3

Know when to apply.

Rule #4

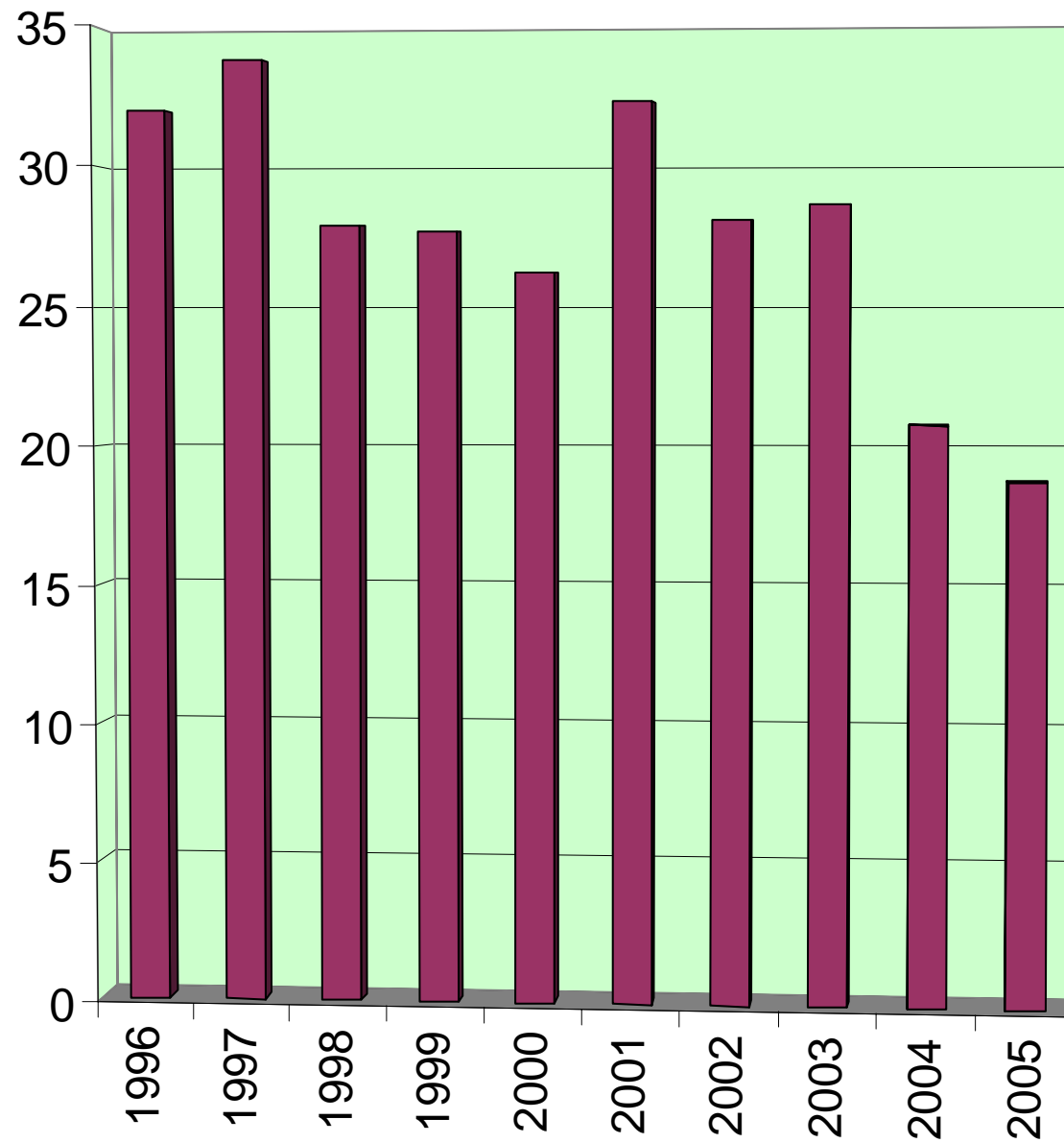
Know what resources
are available to help
you.

On not applying...

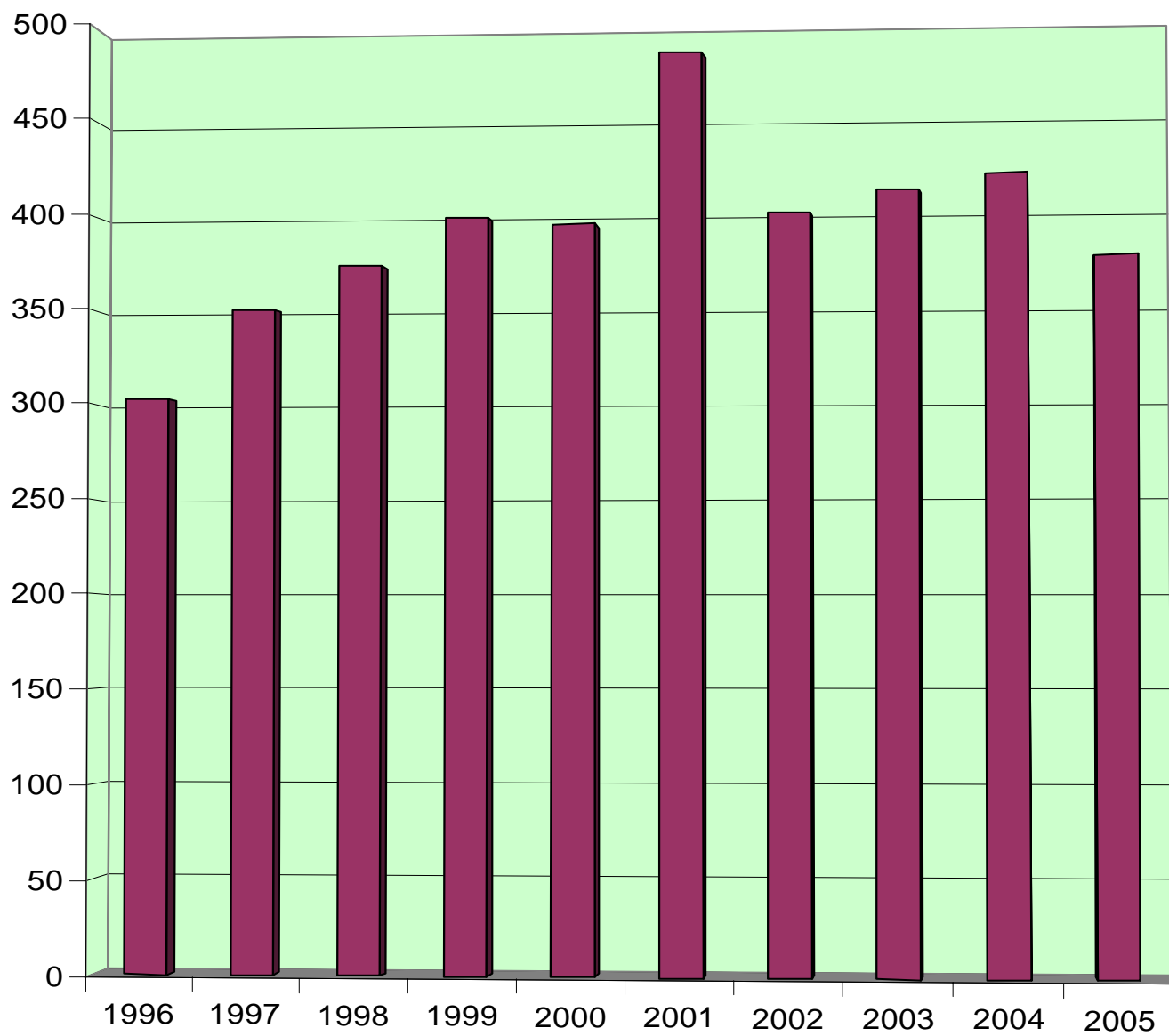
“I heard that it’s so competitive now that a new investigator has no chance of funding.”

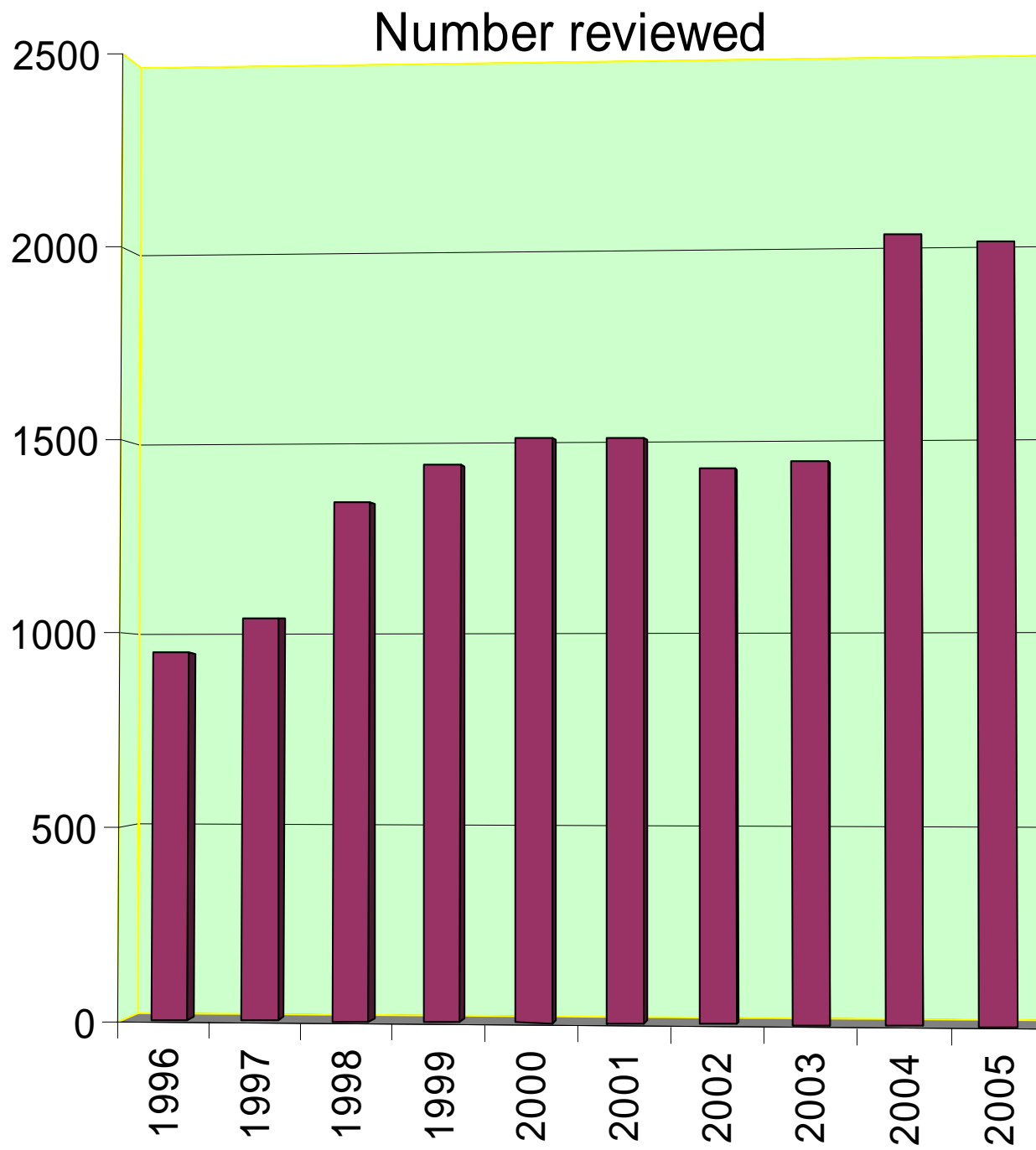
She has no chance of funding if she does not apply.

Success rate



Number of Awards





On not applying...

“Joe Smith got funded under that special program. That was a one time only deal. There’s no point in my applying.”

There are many funding opportunities available but only if you apply.

On not applying...

“I applied once and the people who reviewed my application did not understand it. So I didn’t get funded. What’s the point in my applying again?

You might get paid next time.

On knowing what to apply for...

NIA supports 41 different mechanisms.

40 of these mechanisms are not the “R01”.

On knowing what to apply for...

Profile of a typical R01 grantee:

Has been in the research field post PhD/MD for several years; will have more than a few first-authored, peer-reviewed publications; will likely have been reviewing papers for journals for some time; will be known to colleagues in the research field; **WILL HAVE A PRIOR GRANT HISTORY.**

WILL HAVE A PRIOR GRANT HISTORY....

On knowing what to apply for...

Funding on someone
else's grant (e.g., co-
investigator, diversity
supplements...)

Fellowships (F-series
awards)

Loan repayment
programs

Career awards (K-series)

R03 pilot grants
R21 exploratory grants.

R34 Clinical trial
planning grants

AREA (R15) grants
(Academic Research
Enhancement Awards)

Non-NIH sources

Special Population Training Initiatives

- Research supplements to promote diversity in health-related research
<http://grants1.nih.gov/grants/guide/pa-files/PA-05-015.html> (E submission)
- Aging Research Dissertation Awards to Increase Diversity (E-submission)
<http://grants1.nih.gov/grants/guide/pa-files/PAR-05-061.html>

Who is diverse?

- individuals from underrepresented racial and ethnic groups;
- individuals with disabilities; and
- individuals from socially, culturally, economically, or educationally disadvantaged backgrounds that have inhibited their ability to pursue a career in health-related research.

Special Population Training Initiatives (contd.)

- (Most NIA predoctoral support is through training grants.)
- Minority predoctoral fellowship awards for minority students
<http://grants1.nih.gov/grants/guide/pa-files/PA-00-069.html>
- NIH predoctoral fellowship for students with disabilities
<http://grants1.nih.gov/grants/guide/pa-files/PA-00-068.html>

MD/Ph.D predoctoral trainees

- Individual Predoctoral MD/PhD Fellows (F30) program announcement

<http://grants.nih.gov/grants/guide/pa-files/PA-05-151.html>

Individual Postdoctoral fellows

- (Most NIA postdoctoral training support is provided through NIA training grants.)
- Individual postdoctoral fellow program announcement (F32)

<http://grants2.nih.gov/grants/guide/pa-files/PA-03-067.html>

Research Career Development Awards at NIA

Breaking News!

**NIH Pathway to Independence
Award
(K99/R00)**

Released: January 27, 2006

Pathway to Independence Award

- Aimed at postdoctoral trainees/fellows
- Purpose is to allow mentoring and research funding to enable rapid transition to independent research (R01 support)

K99/R00 details

- Two phase award: Initial phase mentored with career development plan; second phase independent research after gaining a faculty appointment
- Open to U.S. citizens and non-citizens
- Ineligible if more than five years of postdoctoral experience
- Ineligible if faculty appointment

K99/R00 details (contd.)

- Receipt dates: April 7, 2006 then three times a year, beginning June 1, 2006, October 1 2006, February 1 2007.
- Mentored phase: Salary up to \$50,000 (plus applicable fringe benefits; Research expenses up to \$20,000.
- Independent phase: Total costs (including F&A costs) up to \$249,000 a year.

On knowing what to apply for...

Research career development awards at NIA.

K01 — Mentored Research Scientist Development Award

An early or mid-career award for individuals with some prior postdoctoral research experience.

(75% min effort, Salary \$75k, Research \$20k)

K02 — Independent Scientist Award

An early-to-mid-career award for individuals with prior grant funding who seek to become leaders in their research fields.

K07 — Academic award

An infrastructure-building award for acknowledged research leaders who wish to build aging research, or an aspect of aging research, at their institutions

On knowing what to apply for...

Research Career Development Awards contd.

K08 — Mentored Clinical Scientist Development Award

An award for junior clinicians with little-to-moderate research training who wish to become independent clinician-scientists.

\$75k plus fringe (75% effort) \$20k a year research development

K23 --- Mentored Patient-Oriented Research Career Development Award

An award for junior clinicians with little-to-moderate research training who wish to become independent clinician-scientists trained in patient-oriented research.

\$75k plus fringe (75% effort) up to \$50k a year research development

On knowing what to apply for...

Research Career Development Awards contd.

K12 — Mentored Clinical Scientist Development Program Award

An award for research leaders to provide research training and mentoring to several junior clinicians who wish to become independent researchers.

K24 --- Mid-career Investigator Award in Patient-Oriented Research

An award for mid-career clinician-scientists who wish to devote more time to patient-oriented research and to mentoring junior clinicians in patient-oriented research.

On knowing what to apply for

Research Career Development Awards contd.

K25 --- Mentored Quantitative Research Career Development Award

An award for relatively junior scientists who have been trained in quantitative disciplines who now wish to develop their careers in biomedical research.

K26 --- Midcareer investigator award in mouse pathobiology research

An award for mid-career scientists who have experience in mouse pathobiology research who wish to devote more time to that research and to mentoring junior scientists in mouse pathobiology research.

LOAN REPAYMENT

- Programs for clinical research, health disparities, disadvantaged researchers, pediatric research (**E-submission**)
- Repays parts of educational loans of health professionals who agree to conduct relevant research for at least two years at 50% effort or greater

LOAN REPAYMENT (contd.)

- Pays up to \$35,000 annually plus applicable federal taxes.
- Debt must be at least 20% of institutional base salary at time of award.
- Programs accept applications from Sept. 1 to Dec. 1, 2005
- <http://www.lrp.nih.gov/>

On knowing what to apply for...

The NIH Small Grant Program (R03) **(E-Submission)**

The National Institute on Aging (NIA) is seeking small grant (R03) applications (1) stimulate and facilitate the entry of promising new investigators into aging research, and (2) encourage established investigators to enter new targeted, high priority areas in this research field. This Small Grant (R03) Program provides support for pilot research that is likely to lead to a subsequent individual research project grant (R01) that is focused on aging and/or a significant advancement of aging research. Applications should follow instructions in the NIH R03 program announcement:

<http://grants1.nih.gov/grants/guide/pa-files/PA-03-108.html>

\$50,000 (direct costs) per year for up to two years.

Submission dates: February 1, June 1, October 1

R21 Exploratory/ Developmental Award (E-submission)

- Up to \$275,000 across two years (e.g., \$100,000 in the first year, \$175,000 in second year)
- 15 page research plan

NIH Purpose for R21

- The evolution and vitality of the biomedical sciences require a constant infusion of new ideas, techniques, and points of view. These may differ substantially from current thinking or practice and **may not yet be supported by substantial preliminary data**. By using the R21 mechanism, the NIH seeks to foster the introduction of novel scientific ideas, model systems, tools, agents, targets, and technologies that have the potential to substantially advance biomedical research.

R03 and R21 compared

- CSR review for both
- 10 versus 15 page research plan
- \$100,000 versus \$275,000
- Both two years

On knowing what to apply for

Academic Research Enhancement Award

E-submission

NIH Guide, October 26, 2005, PA Number: PA-06-042

PA available at:

<http://grants2.nih.gov/grants/guide/pa-files/PA-06-042.html>

Application Receipt Dates: February 25, June 25, October 25.

For pilot studies, feasibility studies, secondary data analysis, small scale research etc.

Academic Research Enhancement Award

- Less than \$3 million NIH research funding (total cost)
- Unit is school or college not institution
- INELIGIBLE schools/components listed

at:

<http://grants.nih.gov/grants/funding/area.htm>

Academic Research Enhancement Award

- \$150,000 over three years
- “Special consideration will be given in the funding decision process to applications from those "smaller, less prominent, four-year, public and private colleges and universities which provide undergraduate training for a significant number of our nation's research scientists"

On knowing when to apply:

When are you likely to be competitive?

How long does it take to get an award?

The more that you know about the process in advance then the less time it takes.

What help is available?

At your institution: Find out!

In your professional society:
Are there programs for new investigators?

Many societies organize events sponsor conference travel,
arrange meetings with grants administrators etc.

What help is available?

At NIA: The NIA web page:

<http://www.nia.nih.gov>

How to contact OEA staff:

Miriam Kelty or Robin Barr or MD Kerns

E-mail: KeltyM@mail.nih.gov or

BarrR@mail.nih.gov or KernsM@mail.nih.gov

Tel.: 301-496-9322 (We prefer E-mail.)

Call about small business grants, meetings, training, fellowships, career awards, diversity supplements. Or other stuff!